



R44 Raven I Estimated Operating Cost - 2026

Price of R44 RAVEN I with Standard Equipment	\$553,500
FIXED ANNUAL COSTS	
Depreciation (Negligible, freshly overhauled R44s are expected to sell for original costs)	\$ N/A
Insurance based on a pilot with 200 hours logged helicopter time, including 40 PIC hours in an R44, with a good safety record and RHC Safety Course Certificate.	
Liability Insurance	2,560
Hull Insurance	<u>10,393</u>
	FIXED COST PER YEAR
	\$ 12,953
RESERVE FOR OVERHAUL	
2200 Hour Engine Overhaul (\$76,900 RHC exchange)	\$ 34.95
2200 Hour Aircraft Overhaul Parts Kit (\$205,000)	93.18
(Includes new bearings, seals, belts, etc., and life-limited components with less than 2200 hours remaining.)	
Labor (225 Manhours at \$130 per hour)	<u>13.30</u>
	RESERVE PER HOUR
	\$ 141.43
DIRECT OPERATING COST	
Fuel @ \$6.51 per gallon and 15.0 gph for average use	\$ 97.65
Oil	2.60
Periodic Inspections, Labor @ \$130 per hour	39.00
Unscheduled Maintenance, Parts, and Labor @ \$130 per hour	<u>13.33</u>
	DIRECT OPERATION COST PER HOUR
	\$ 152.58
TOTAL OPERATING COST	
Fixed Cost per Flight Hour Based on 500 Hours per Year	\$ 25.91
Overhaul Reserve per Hour	141.43
Direct Cost per Flight Hour	<u>152.58</u>
	TOTAL OPERATING COST PER HOUR
	\$ 319.92

OPERATING COST-PER-ROAD MILE

Assume one air mile (straight line path) equals 1.5 miles and assume an average cruise speed of 110 miles per hour with cruise fuel consumption of 15.0 gph.

$$\$319.92 \div 110 \div 1.5 = \$1.94 \text{ per Road Mile}$$

This total operating cost-per-mile compares favorably with some expensive automobiles and will usually be lower when the value of time saved is considered.

Note: The above estimates are approximate and will vary with type of use, maintenance, local conditions, and prices. This information is for comparison only and is not a guarantee of actual costs. Referenced prices are subject to change without notice. Transportation costs and local taxes are not included.